

# NEBRASKA WEATHER & CROPS



For Week Ending August 9, 1998

Issue: 23-98

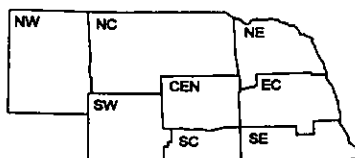
Released: 8/10/98 - 3.00 p.m.

P O. Box 81069  
Lincoln, NE 68501

Phone (402) 437-5541  
Location 273 Federal Bldg

Internet <http://www.agr.state.ne.us/agstats/index.htm>  
e-mail [nass-ne@nass.usda.gov](mailto:nass-ne@nass.usda.gov)

National Agricultural Statistics Service  
U S Department of Agriculture  
and U.S Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UN-L

## WEATHER

The week was cool and wet. Temperatures averaged four to six degrees below normals across the State. Precipitation occurred across the State with averages ranging from around two tenths of an inch to over an inch and a quarter.

## GENERAL

Showers and high humidity combined to make made hay harvest difficult and slowed the completion of wheat harvest in the west, according to the Nebraska Agricultural Statistics Service. The moderate temperatures coupled with improved moisture supplies, resulted in excellent growing conditions for most dryland areas. However, some extreme Southwestern areas continued very short of moisture. Producers were busy during the week moving grain to local elevators and preparing for row crop harvest. Concern over low commodity prices were causing many to research options on stored grain. Other producer activities included livestock care and weed control.

## CROPS

Winter wheat harvest moved ahead slowly to 97% complete, behind 99% last year and equal to 97% average. Harvest was at a standstill in portions of the Panhandle and sluggish in other portions of the district as wet conditions slowed harvest progress

## (CROPS (Cont.))

Corn condition rated 1% very poor, 2% poor, 14% fair, 56% good, and 27% excellent. Dryland corn rated 81% in good or excellent condition and 85% of the irrigated corn rated in those categories. Acreage reaching the dough stage was at 42%, ahead of 33% last year and 28% average.

Soybean condition rated 1% very poor, 2% poor, 13% fair, 57% good, and 27% excellent. Podding was occurring on 69% of the acreage, ahead of 63% last year and 52% average.

Sorghum condition was 1% poor, 15% fair, 62% good, and 22% excellent. Heading was active on 80% of the acreage, ahead of 64% last year and 49% average.

Dry bean condition rated 2% poor, 23% fair, 47% good and 28% excellent. Blooming had occurred on 90% of the acreage, just behind 94% last year and equal to 90% average.

Oat harvest was 94% complete, behind 97% last year but ahead of 91% average.

Alfalfa condition rated 1% very poor, 4% poor, 19% fair, 64% good and 12% excellent. Second cutting activities were virtually complete. Third cutting activities moved to 18%, same as last year and just ahead of 17% average. Wild hay condition rated 1% very poor, 5% poor, 20% fair, 58% good, and 16% excellent.

## LIVESTOCK, PASTURE & RANGE

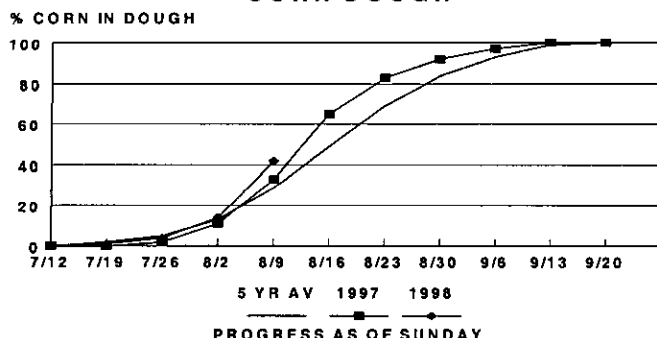
Pasture and range condition rated 1% very poor, 5% poor, 18% fair, 62% good, and 14% excellent. The week provided excellent summer conditions for livestock. Some pickup in yearling sales was reported.

CROP PROGRESS AS OF August 9, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Harvested	94	100	100	100	100	100	100	100	97	96	99	97
% Corn Silked	91	93	100	98	100	98	100	100	99	94	98	90
% Corn Dough Stage	14	25	36	39	49	29	37	84	42	14	33	28
% Soybeans Blooming	na	97	97	97	100	91	99	97	98	90	98	90
% Soybeans Setting Pods	na	69	58	57	72	56	73	86	69	42	63	52
% Sorghum Headed	na	55	21	49	97	57	71	86	80	46	64	49
% Alfalfa Second Cutting	91	99	99	96	99	98	97	100	97	93	94	94
% Alfalfa Third Cutting	1	8	21	16	29	39	28	27	18	3	18	17
% Oats Harvested	53	99	98	100	100	100	100	100	94	89	97	91
% Dry Beans Blooming	92	100	100	70	na	80	na	na	90	67	94	90
% Dry Beans Podding	19	25	5	10	na	24	na	na	20	15	69	63
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF August 7, 1998												
Days suitable	5 1	5 5	4 3	5 5	4 4	6 2	3 5	1 7	4 6	4 8	6 0	
Topsoil moisture - Very Short	0	0	1	0	0	2	0	0	0	1	29	
(Percent) - Short	14	19	16	20	8	18	0	0	13	20	41	
- Adequate	86	77	84	79	90	72	99	96	84	75	29	
- Surplus	0	4	0	1	2	8	1	4	3	4	1	
Subsoil moisture - Very Short	0	1	1	0	0	5	0	0	1	2	21	
(Percent) - Short	16	19	14	18	6	22	15	0	14	16	41	
- Adequate	84	76	85	80	91	71	85	97	83	79	37	
- Surplus	0	4	0	2	3	2	0	3	2	3	1	

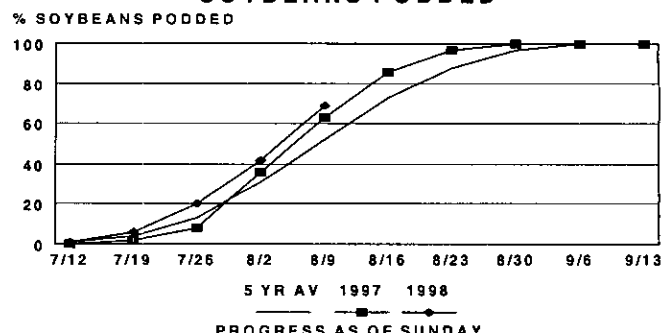
n/a = not available

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P O Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. It is also available free by polling our FAX at (402) 437-5547 after 3:30 p.m. CT. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P O Box 81069, Lincoln, NE 68501.

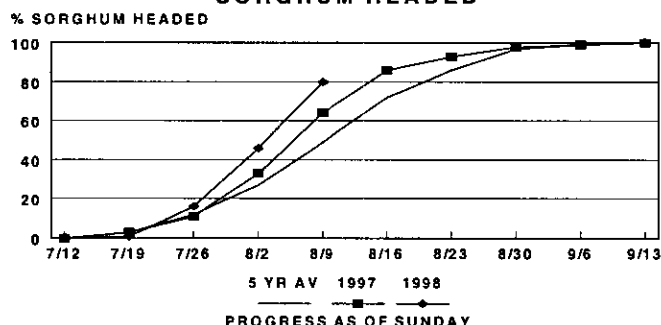
# CORN DOUGH



# SOYBEANS PODDED



# SORGHUM HEADED



## PRECIPITATION, APRIL 1 - AUGUST 8, 1998

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	55	74	130	42	92	21	55	43
Total since April 1	1114	1688	1956	1520	2199	1293	1420	1673
Normal since April 1	1071	1288	1440	1412	1534	1215	1396	1559
Total as % of normal	104%	131%	136%	109%	143%	106%	102%	107%

## TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, AUGUST 8, 1998

Station		Temperature				Precipitation	Growing Degree Data		
		Extremes		Mean	Departure	Total Inches	Last Week	Since April 15	
		Max	Min					Current	Normal
NW	Chadron	98	56	72	---	80	---	---	---
	Scottsbluff	95	54	70	-4	17	135	1731	1711
	Sidney	95	52	68	---	49	116	1616	1743
NC	Valentine	95	50	69	-6	45	---	---	---
	Arthur	---	---	---	---	---	125	1695	1873
	O'Neill	---	---	---	---	---	139	1882	2001
NE	Norfolk	86	58	71	-4	1.27	---	---	---
	Sioux City	84	58	70	-5	1.08	---	---	---
	Concord	---	---	---	---	---	131	1935	2061
	Elgin	---	---	---	---	---	138	1910	2047
CEN	West Point	---	---	---	---	---	138	2022	2174
	Grand Island	91	59	72	-4	38	146	2039	2071
	Ord	90	55	71	---	67	141	1953	2055
	Kearney	---	---	---	---	---	142	2021	2059
EC	Lincoln	88	58	72	-5	1.00	151	2213	2256
	Omaha	85	60	71	-4	1.87	---	---	---
	Central City	---	---	---	---	---	146	2038	2093
	Mead	---	---	---	---	---	147	2170	2240
SW	Imperial	92	53	71	---	15	---	---	---
	North Platte	88	53	70	-4	14	139	1879	1923
	Curtis	---	---	---	---	---	142	1986	1961
SC	Holdrege	---	---	---	---	---	145	2032	2050
	Red Cloud	---	---	---	---	---	166	2300	2081
SE	Beatrice	---	---	---	---	---	145	2115	2256
	Clay Center	---	---	---	---	---	148	2086	2086

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max temp + min temp divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.